TECHNICAL BULLETIN

Machine Type	**ASTRO**	**Model**	**ALL KEYPAD VERSIONS**	**T.B. Number: 040514**	
				Issued by UK	
Part numbers	SOFTWARE V 1.41			**Date**	15th May 2004
Subject	ASTRO NEW SOFTWARE UPDATE			**ISSUED FOR CUSTOMER**	
				ACTION	**X**
				INFORMATION	

Problem

We have noticed that on a few Astro machines, there have been instances where the machine will continue to run the whipper motor and water valve, after the completion of a vend.

This tends to happen, following a whipped coffee selection and is only interrupted when either the waste bucket is full, or the machine is switched off.

Solution

To remedy this problem, we have introduced an update to the current Astro software.

This software version is 1.41 and is available as a free issue.

To load the software to the machine, it is necessary to use the Flash load program, also available as free issue.

Advice

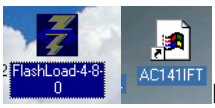
We suggest that although the likelyhood of this fault occuring is low, you should update your Astro machine with the latest version to prevent any possible occurance of the issue in hand.

The software and flash load program are attatched to the Email along with this bulletin.

PLEASE NOTE, This is only applicable to keypad selection machines

We strongly reccomend that the instruction below is carried out by a suitably trained and competent engineer.

Instructions



Load the flash load program to your computer ”Desktop” along with the software file. This can be done by simply detatching them from the E-Mail directly to the desktop of your computer

Now open the flash load program, double click on the Flash load icon

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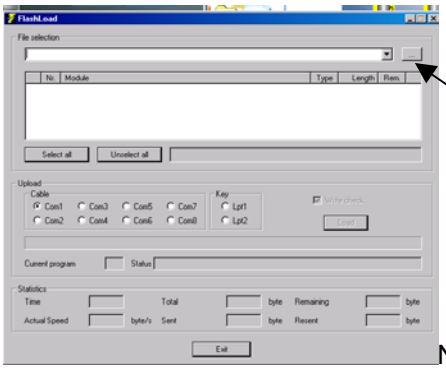
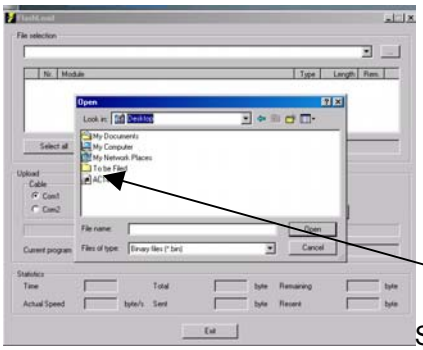
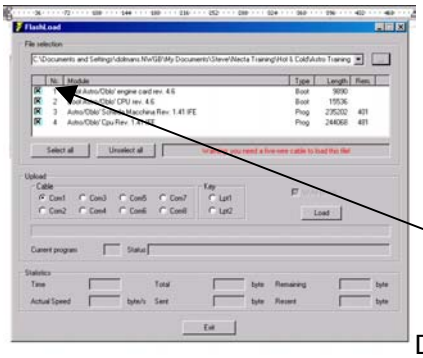


Next, select the file select icon as shown, ”3 dots on the button”



Select the file AC141IFT on the desktop by double clicking on its icon



De-select the two boot files by clicking on the crossed boxes 1 and 2

Connect an RS232 cable from your computer Com 1 to the Astro RS232 printer port.

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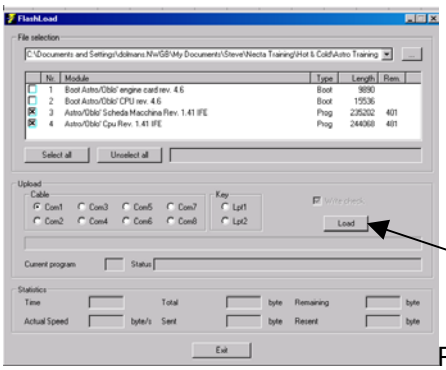

Press the Load icon, the message ”waiting link” will be displayed

Now power up the machine

The message ”link active” will be displayed and the status bar will show the loading status

Software will now be loaded onto the machine, after which, you will need to power down the machine.

You can now disconnect the RS232 lead.

Reset the Astro to default in technical address 5.2

Upload of the new software is now completed.

If you have any questions relating to this bulletin or the use of the Flash load program, please call our technical helpline on 01902 355007